

COATINGS AND METHOD FOR PROTECTING CARBON-CONTAINING COMPONENTS FROM OXIDATION

ABSTRACT

A protective coating for a carbon-containing component comprises a material selected from the group consisting of non-stoichiometric silicon and carbon; non-stoichiometric silicon and oxygen; non-stoichiometric silicon and nitrogen; compounds of silicon, oxygen, and carbon; compounds of silicon, oxygen and nitrogen; compounds of silicon, nitrogen, and carbon; and silicon.

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